

Title (en)
Reactor tube loading device

Title (de)
Vorrichtung zum füllen von Reaktorröhren

Title (fr)
Dispositif de chargement de tubes de réacteur

Publication
EP 0963785 B1 20030402 (EN)

Application
EP 99201394 A 19990504

Priority
• EP 99201394 A 19990504
• EP 98303681 A 19980512

Abstract (en)
[origin: EP0963785A1] A loading device (1) for distributing solid particles into a multi-tube reactor in which the reactor tubes (3) are substantially vertical and held together by an upper (5) and a lower tube sheet, the loading device (1) comprising a plurality of discrete polygonal, i.e. triangular, quadrangular or hexagonal, plates (8), each polygonal plate (8) having from 1 to 30 holes, each hole (11) corresponding to one reactor tube (3), each hole (11) having a diameter not greater than 95% of the inner diameter of the reactor tube (3) and not smaller than 1.1 times the greatest dimension of a single particle to be loaded, the polygonal plates (8) also comprising fixing means (15) for holding the holes (11) in correspondence with the respective reactor tubes (3). <IMAGE>

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B01J 8/00 (2006.01); **B01J 8/06** (2006.01)

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B01J 8/003 (2013.01); **B01J 8/06** (2013.01); **B01J 2208/00752** (2013.01)

Cited by
CN104334267A; CN102245287A; CN104254391A; RU2623268C2; DE10250022A1; DE10250022B4; US9616402B2; EP3112014A1; US7121309B2; WO2010068094A3; WO2004085051A1; WO2004037403A3; WO2013160311A3; WO2013160310A1; US9604187B2; US7458401B2; US7285251B2; US6880591B2; DE102012220930A1; EP2786799A1; EP1471046A1

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